



# Certificate

MPS-ECAS awards this certificate in accordance with the certification standard MPS-ABC version 16.1, to:

**Gartneriet Rønbæk A/S  
Rønbækvej 23  
8382 HINNERUP  
Denmark  
MPS-number: 805277**

Applicable to environmental clusters:  
POT PLANTS 5

Validity: **20-5-2024 valid up to and including 11-8-2024**  
Total points: **88,3**  
Qualification: **A**

Kind regards,  
MPS-ECAS

Signature:

Date of issue:  
15-5-2024

Drs. R. Landsmeer, Manager Operations

*N.B.: This certificate is only valid for the period specified above.*

P.O. Box 114  
2678 ZJ De Lier  
The Netherlands

# QUALIFICATION AND PERIOD GRAPHS

MPS company number: **805277/01**  
Company name: Gartneriet Rønbæk A/S (total)

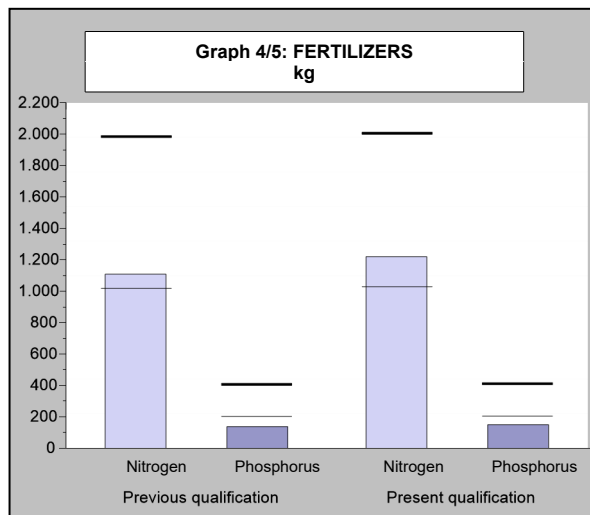
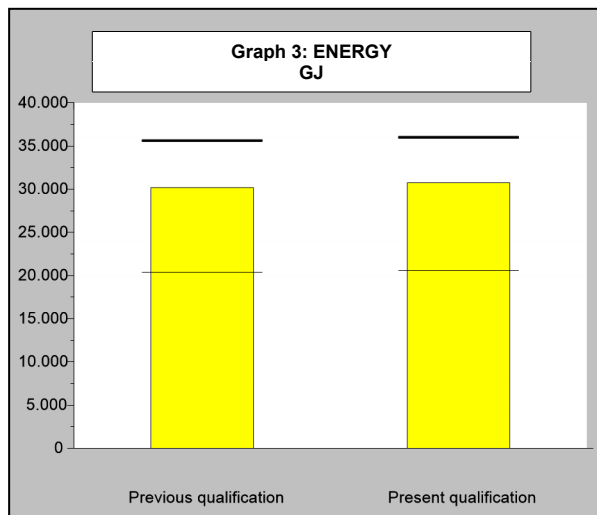
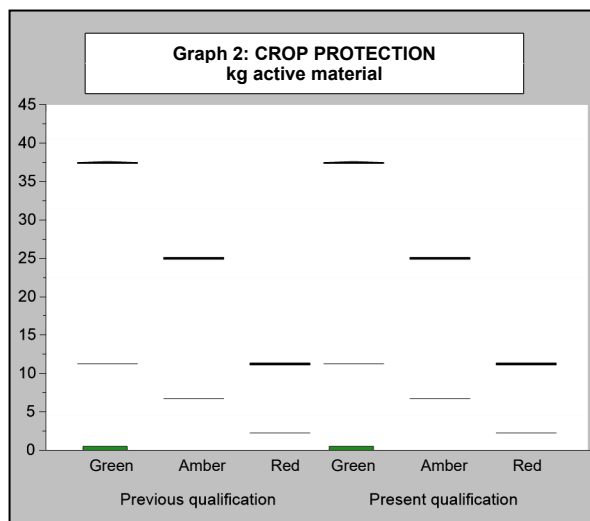
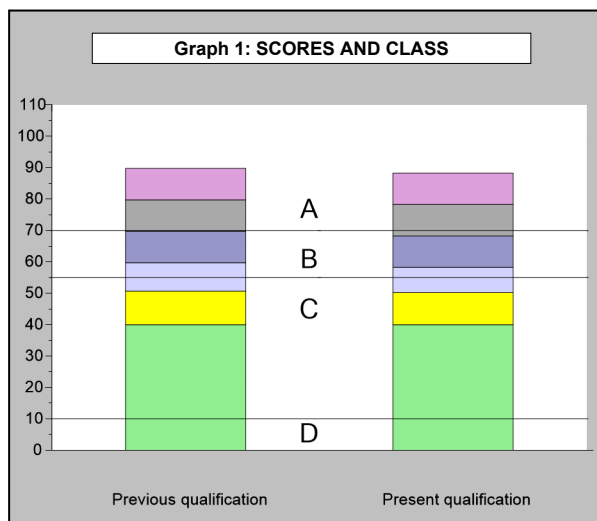
Valid: Period 5-2023 until Period 4-2024  
Version: 15-5-2024

**Table 1: DATA QUALIFICATIONS**

| SUBJECT                     |            | Your Company standard | Your use | Your points | max. points | A+ standard | A+ score | Obtained |
|-----------------------------|------------|-----------------------|----------|-------------|-------------|-------------|----------|----------|
|                             |            | Lower- Upper limit    |          |             |             |             |          |          |
| Crop protection             | Green      | 11,3-37,5 kg          | 0,5      | 12          | 12          |             |          |          |
|                             | Amber      | 6,8-25 kg             | 0        | 16          | 16          |             |          |          |
|                             | Red        | 2,3-11,3 kg           | 0        | 12          | 12          |             |          |          |
| total                       |            |                       |          | 40          | 40          | 85 %        | 100 %    | yes      |
| Energy total                |            | 20575,8-36007,7 GJ    | 30745,1  | 10,2        | 30          | 75 %        | 34,1 %   | no       |
| Fertilizers                 | Nitrogen   | 1028,8-2006,1 kg      | 1220,3   | 8           | 10          |             |          |          |
|                             | Phosphorus | 205,8-411,5 kg        | 150,5    | 10          | 10          |             |          |          |
| total                       |            |                       |          | 18          | 20          | 75 %        | 90,2 %   | yes      |
| Waste                       |            | 0-130                 | 130      | 10          | 10          |             |          |          |
| Water                       |            |                       |          |             |             |             |          |          |
| Certified parental material |            |                       |          | 10          | 10          |             |          |          |
| Total score (points)        |            |                       |          | 88,3        | 110         | 90          | 88,3     | no       |
| COMPANY QUALIFICATION       |            |                       |          | A           |             |             |          |          |

## COMPANY USAGE PER 13 PERIODS

<-----> = Upper limit <.....> = Lower limit

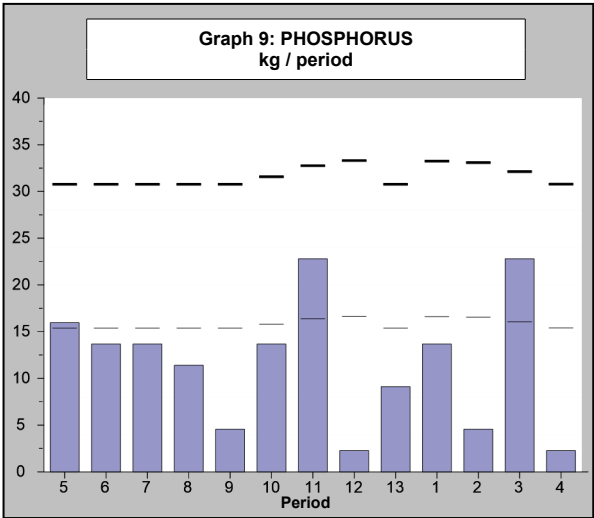
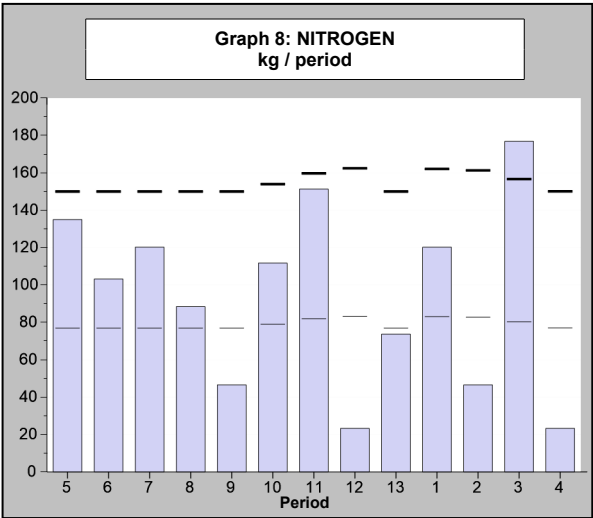
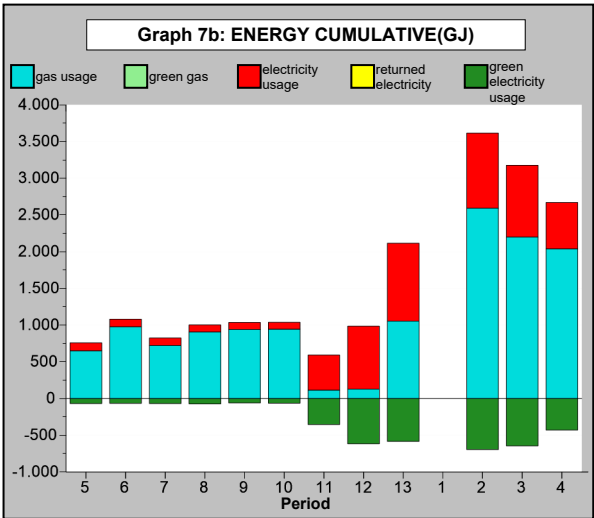
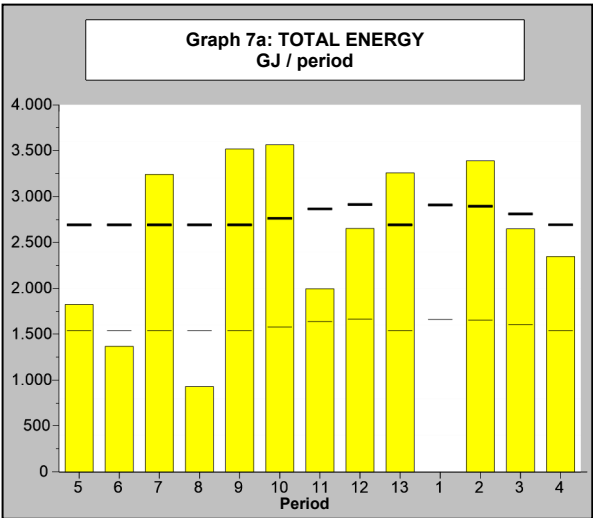
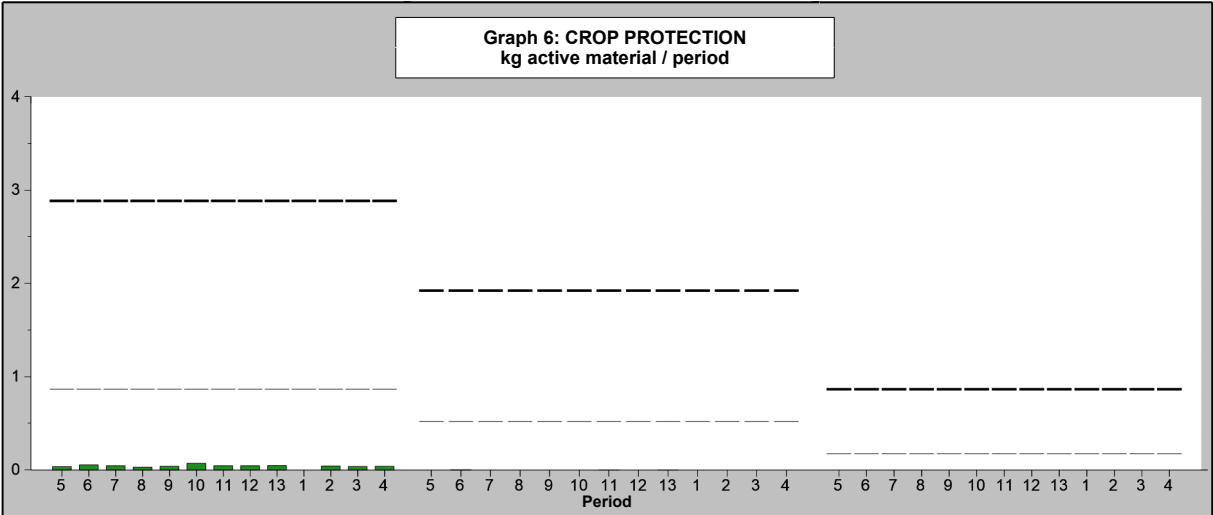


# QUALIFICATION AND PERIOD GRAPHS

MPS company number: 805277/01  
Company name: Gartneriet Rønbæk A/S (total)

Valid: Period 5-2023 until Period 4-2024  
Version: 15-5-2024

<-----> = Upperlimit    <-----> = Lowerlimit



# MPS-Overview Composition of Qualification

MPS company number: **805277/01**  
 Company name: Gartneriet Rønbæk A/S (total)

Valid: Period 5-2023 until Period 4-2024  
 Version: 15-5-2024

## Composition of company standards MPS-OEX (Area Efficiency indexX)

| THEMA           |       | Basic standard           | % OEX | Companystandard          | Company-usage |
|-----------------|-------|--------------------------|-------|--------------------------|---------------|
|                 |       | lower- upper-limit limit |       | lower- upper-limit limit |               |
| Crop protection | Green |                          |       | 11,3-37,5 kg             | 0,5 kg        |
|                 | Amber |                          |       | 6,8-25 kg                | 0 kg          |
|                 | Red   |                          |       | 2,3-11,3 kg              | 0 kg          |
| Energy          |       | 20000-35000 GJ           | 2,9 % | 20575,8-36007,7 GJ       | 30745,1 GJ    |
| Nitrogen (N)    |       | 1000-1950 kg             | 2,9 % | 1028,8-2006,1 kg         | 1220,3 kg     |
| Phosphorus (P)  |       | 200-400 kg               | 2,9 % | 205,8-411,5 kg           | 150,5 kg      |

## Composition of points MPS environmentally certified parental material

| Certified parental material                  | (Average) area | Your Points | Max points |
|----------------------------------------------|----------------|-------------|------------|
| Total cultivated area 1)                     | 20000 m2       |             |            |
| Area certified parental material MPS-ABC     | 20000 m2       | 10          | 10         |
| Area certified parental material GLOBALGAP   | 0 m2           | 0           | 5          |
| Total points for Certified parental material |                | 10          | 10         |

1) Total means: the total area covered and uncovered cultivation and the second crop layer. Not included is the uncultivated area.

## Overview Environmental zones

| Period        | 5      | 6      | 7      | 8      | 9      | 10     | 11     | 12     | 13     | 1      | 2      | 3      | 4      |
|---------------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| Environmental | Zone 3 | Zone 3 | Zone 3 | Zone 3 | Zone 3 | Zone 3 | Zone 3 | Zone 3 | Zone 3 | Zone 3 | Zone 3 | Zone 3 | Zone 3 |

## Company usage of MPS-MIND

| Pesticide                              | Indicator color | active ingredient   | Annual company use of active substance |       |     |
|----------------------------------------|-----------------|---------------------|----------------------------------------|-------|-----|
|                                        |                 |                     | Green                                  | Amber | Red |
| Configure                              | ●               | 6-benzylaminopurine | 0,534                                  |       |     |
| Pirouette                              | ●               | paclobutrazol       |                                        | 0,004 |     |
| Annual company use of active substance |                 |                     | 0,534                                  | 0,004 | 0   |

# OVERVIEW RECORDED DATA

MPS company number: **805277/01**  
 Company name: Gartneriet Rønbæk A/S (total)

Valid: Period 5-2023 until Period 4-2024  
 Version: 15-5-2024

| Code                          | Description                       | Unit   | Period<br>11 | Period<br>12 | Period<br>13 | Period<br>1 | Period<br>2 | Period<br>3 | Period<br>4 | Subtotal | Year total |
|-------------------------------|-----------------------------------|--------|--------------|--------------|--------------|-------------|-------------|-------------|-------------|----------|------------|
| <b>FORM RECEIVED</b>          |                                   |        | yes          | yes          | yes          | yes         | yes         | yes         | yes         |          |            |
| <b>CROP PROTECTION AGENTS</b> |                                   |        |              |              |              |             |             |             |             |          |            |
| 3787                          | Configure                         | ml     | 2300         | 2250         | 2400         |             | 2100        | 1850        | 1950        | 12850    | 26700      |
| 3271                          | Pirouette                         | ml     | 240          |              | 240          |             |             |             |             | 480      | 880        |
| <b>WATER</b>                  |                                   |        |              |              |              |             |             |             |             |          |            |
| 21                            | Total irrigation                  | m3     | 823          | 793          | 703          |             | 711         | 785         | 766         | 4581     | 9993       |
| <b>ENERGY</b>                 |                                   |        |              |              |              |             |             |             |             |          |            |
| 1                             | Gas consumption                   | m3     | 3259         | 3677         | 30048        |             | 73883       | 62671       | 58102       | 231640   | 378224     |
| 2                             | Conversion factor                 |        | 1            | 1            | 1            |             | 1           | 1           | 1           |          |            |
| 3                             | Caloric value                     |        | 1            | 1            | 1            |             | 1           | 1           | 1           |          |            |
| 4                             | Electricity from the grid (Total) | kWh    | 86925        | 155806       | 193017       |             | 185959      | 177699      | 114867      | 914273   | 1023492    |
| 6                             | Green electricity from the grid   | kWh    | 64324        | 112180       | 106159       |             | 126452      | 117281      | 78110       | 604506   | 677163     |
| 7                             | Residual heat usage               | GJ     | 2020         | 2626         | 1985         |             | 540         | 135         | 121         | 7427     | 17890      |
| <b>LIGHTING</b>               |                                   |        |              |              |              |             |             |             |             |          |            |
| 550013                        | HP-Na 600W 400V Conv.             | Hour   | 1            | 1            |              | 1           | 1           | 1           | 1           |          |            |
|                               |                                   | Number |              |              |              |             |             |             |             |          |            |
|                               |                                   | kWatt  | 135314       | 172768       |              | 168257      | 157695      | 93358       | 1125        |          |            |
| <b>FERTILIZERS</b>            |                                   |        |              |              |              |             |             |             |             |          |            |
| 545                           | Calcium nitrate (nitrate o        | kg     | 55           | 55           | 110          | 220         | 110         | 220         | 55          | 825      | 1760       |
| 375                           | Ferrous chelate DTPA 6%           | litres | 3,25         | 3,25         | 6,5          | 13          | 6,5         | 13          | 3,25        | 48,75    | 104,5      |
| 561                           | Ferrous chelate EDDHA 6%          | kg     | 3,25         | 3,25         | 6,5          | 13          | 6,5         | 13          | 3,25        | 48,75    | 104,5      |
| 935                           | Kalisalpeter 13+0+38 Multi-K GG   | kg     | 236          | 33           | 85           | 151         | 66          | 236         | 33          | 840      | 1661       |
| 572                           | Magnesium Nitrate 11+0+0          | kg     | 130          | 10           | 55           | 75          | 20          | 130         | 10          | 430      | 825        |
| 516                           | Magnesium sulphate                | kg     | 134          | 27           | 40           | 94          | 54          | 134         | 27          | 510      | 1034       |
| 575                           | Manganese sulphate                | kg     | 2,3          | 0,3          | 0,85         | 1,45        | 0,6         | 2,3         | 0,3         | 8,1      | 15,95      |
| 579                           | Molybdenum (solid)                | kg     | 0,2          | 0,02         | 0,08         | 0,12        | 0,04        | 0,2         | 0,02        | 0,68     | 1,32       |
| 581                           | Mono-potassium phosphate          | kg     | 100          | 10           | 40           | 60          | 20          | 100         | 10          | 340      | 660        |
| 677                           | Solubor 20.5%                     | kg     | 1,47         | 0,235        | 0,5          | 0,97        | 0,47        | 1,47        | 0,235       | 5,35     | 10,67      |
| 603                           | Urea 46%N                         | kg     | 210          | 20           | 85           | 125         | 40          | 210         | 20          | 710      | 1375       |
| 604                           | Zinc sulphate (solid)             | kg     | 0,31         | 0,03         | 0,125        | 0,185       | 0,06        | 0,31        | 0,03        | 1,05     | 2,035      |

OVERVIEW RECORDED DATA (Continued)

MPS company number: 805277/01  
Company name: Gartneriet Rønbæk A/S (total)

Valid: Period 5-2023 until Period 4-2024  
Version: 15-5-2024

| Code | Description | Unit | Period<br>11 | Period<br>12 | Period<br>13 | Period<br>1 | Period<br>2 | Period<br>3 | Period<br>4 | Subtotal | Year total |
|------|-------------|------|--------------|--------------|--------------|-------------|-------------|-------------|-------------|----------|------------|
|------|-------------|------|--------------|--------------|--------------|-------------|-------------|-------------|-------------|----------|------------|

ENVIRONMENTAL CLUSTERS

|                             |                                     |    |       |       |       |       |       |       |       |  |  |
|-----------------------------|-------------------------------------|----|-------|-------|-------|-------|-------|-------|-------|--|--|
| Indoor crops                |                                     |    |       |       |       |       |       |       |       |  |  |
| 4065                        | POT PLANTS 5                        | m2 | 20000 | 20000 | 20000 | 20000 | 20000 | 20000 | 20000 |  |  |
| Subtotal                    |                                     |    | 20000 | 20000 | 20000 | 20000 | 20000 | 20000 | 20000 |  |  |
| Certified parental material |                                     |    |       |       |       |       |       |       |       |  |  |
| 661                         | MPS-ABC certif.parental mat. indoor | m2 | 20000 | 20000 | 20000 | 20000 | 20000 | 20000 | 20000 |  |  |

GENERAL INFORMATION FORM

MPS-Mind

Surface water

3900

What is the minimum distance of this location to the nearest surface water?

250 - 2500 metres / 820 - 8200 feet

Cover

3910

Does the surface of protected cultivation exceed 95% of this location?

Yes

Slope

3902

What is the maximum slope of a plot on this location?

flat

Leaching to groundwater

3903

Do you grow more than 95% of your crops in a closed (recirculation) system, with less than 3% loss of drainwater?

No

3904

What is the minimum depth of the groundwater on all your plot(s)?

>= 15 metres / >= 49,2 feet

3905

What is the lowest percentage of organic material of your soil on all your plots of this location?

1,5 - 3%

MPS-OEX

Sidescreens:

3950

Are sidescreens being used during lighting in the night?

Yes

Topscreens:

3951

Are topscreens being used during lighting in the night?

Yes

3952

If yes, what is the percentage of light-reduction?

85 till 95%

CO2

3953

Do you apply CO2?

No

Substrate

3957

Do you cultivate cut flowers on substrate?

No

OVERVIEW RECORDED DATA (Continued)

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GENERAL INFORMATION FORM

MPS-OEX

Diffuse light

|      |                                                   |    |
|------|---------------------------------------------------|----|
| 3961 | Do you have diffuse glass on your greenhouse?     | No |
| 3963 | Do you have diffuse foil on your foil-greenhouse? | No |
| 3965 | Do you have diffuse screens on your greenhouse?   | No |
| 3967 | Do you use a diffuse coating on your greenhouse?  | No |

Waste management

|    |                                                    |     |
|----|----------------------------------------------------|-----|
| 41 | Do you process organic waste in a responsible way? | Yes |
| 42 | Do you process paper waste in a responsible way?   | Yes |
| 43 | Do you process plastic waste in a responsible way? | Yes |

# OVERVIEW RECORDED DATA

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 Version: 15-5-2024

| Code                          | Description                       | Unit   | Period<br>5 | Period<br>6 | Period<br>7 | Period<br>8 | Period<br>9 | Period<br>10 | Subtotal |
|-------------------------------|-----------------------------------|--------|-------------|-------------|-------------|-------------|-------------|--------------|----------|
| <b>FORM RECEIVED</b>          |                                   |        | yes         | yes         | yes         | yes         | yes         | yes          |          |
| <b>CROP PROTECTION AGENTS</b> |                                   |        |             |             |             |             |             |              |          |
| 3787                          | Configure                         | ml     | 1800        | 2750        | 2300        | 1550        | 1900        | 3550         | 13850    |
| 3271                          | Pirouette                         | ml     |             | 400         |             |             |             |              | 400      |
| <b>WATER</b>                  |                                   |        |             |             |             |             |             |              |          |
| 21                            | Total irrigation                  | m3     | 819         | 932         | 965         | 941         | 897         | 858          | 5412     |
| <b>ENERGY</b>                 |                                   |        |             |             |             |             |             |              |          |
| 1                             | Gas consumption                   | m3     | 18538       | 27830       | 20597       | 25864       | 26824       | 26931        | 146584   |
| 2                             | Conversion factor                 |        | 1           | 1           | 1           | 1           | 1           | 1            |          |
| 3                             | Caloric value                     |        | 1           | 1           | 1           | 1           | 1           | 1            |          |
| 4                             | Electricity from the grid (Total) | kWh    | 19922       | 18903       | 18436       | 17480       | 17395       | 17083        | 109219   |
| 6                             | Green electricity from the grid   | kWh    | 12352       | 11909       | 12536       | 13285       | 10959       | 11616        | 72657    |
| 7                             | Residual heat usage               | GJ     | 1301        | 406         | 2858        |             | 2922        | 2976         | 10463    |
| <b>LIGHTING</b>               |                                   |        |             |             |             |             |             |              |          |
| 550013                        | HP-Na 600W 400V Conv.             | Hour   |             |             |             |             |             | 1            |          |
|                               |                                   | Number |             |             |             |             |             |              |          |
|                               |                                   | kWatt  |             |             |             |             |             | 66821        |          |
| <b>FERTILIZERS</b>            |                                   |        |             |             |             |             |             |              |          |
| 545                           | Calcium nitrate (nitrate o        | kg     | 220         | 110         | 220         | 110         | 110         | 165          | 935      |
| 375                           | Ferrous chelate DTPA 6%           | litres | 13          | 6,5         | 13          | 6,5         | 6,5         | 10,25        | 55,75    |
| 561                           | Ferrous chelate EDDHA 6%          | kg     | 13          | 6,5         | 13          | 6,5         | 6,5         | 10,25        | 55,75    |
| 935                           | Kalisalpeter 13+0+38 Multi-K GG   | kg     | 184         | 151         | 151         | 118         | 66          | 151          | 821      |
| 572                           | Magnesium Nitrate 11+0+0          | kg     | 85          | 75          | 75          | 65          | 20          | 75           | 395      |
| 516                           | Magnesium sulphate                | kg     | 121         | 94          | 94          | 67          | 54          | 94           | 524      |
| 575                           | Manganese sulphate                | kg     | 1,75        | 1,45        | 1,45        | 1,15        | 0,6         | 1,45         | 7,85     |
| 579                           | Molybdenum (solid)                | kg     | 0,14        | 0,12        | 0,12        | 0,1         | 0,04        | 0,12         | 0,64     |
| 581                           | Mono-potassium phosphate          | kg     | 70          | 60          | 60          | 50          | 20          | 60           | 320      |
| 677                           | Solubor 20.5%                     | kg     | 1,205       | 0,97        | 0,97        | 0,735       | 0,47        | 0,97         | 5,32     |
| 603                           | Urea 46%N                         | kg     | 145         | 125         | 125         | 105         | 40          | 125          | 665      |
| 604                           | Zinc sulphate (solid)             | kg     | 0,215       | 0,185       | 0,185       | 0,155       | 0,06        | 0,185        | 0,985    |

# OVERVIEW RECORDED DATA (Continued)

MPS company number: 805277/01  
Company name: Gartneriet Rønbæk A/S (total)

Valid: Period 5-2023 until Period 4-2024  
Version: 15-5-2024

| Code | Description | Unit | Period<br>5 | Period<br>6 | Period<br>7 | Period<br>8 | Period<br>9 | Period<br>10 | Subtotal |
|------|-------------|------|-------------|-------------|-------------|-------------|-------------|--------------|----------|
|------|-------------|------|-------------|-------------|-------------|-------------|-------------|--------------|----------|

## ENVIRONMENTAL CLUSTERS

|                                         |   |    |       |       |       |       |       |       |
|-----------------------------------------|---|----|-------|-------|-------|-------|-------|-------|
| Indoor crops                            |   |    |       |       |       |       |       |       |
| 4065 POT PLANTS                         | 5 | m2 | 20000 | 20000 | 20000 | 20000 | 20000 | 20000 |
| Subtotal                                |   |    | 20000 | 20000 | 20000 | 20000 | 20000 | 20000 |
| Certified parental material             |   |    |       |       |       |       |       |       |
| 661 MPS-ABC certif.parental mat. indoor |   | m2 | 20000 | 20000 | 20000 | 20000 | 20000 | 20000 |